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TRANSMITTAL			Application Number		09/849,309		
FOR		Filing Date		May 7, 2001			
1.47	(to be used for all correspondence after initial filing)		First Named Inventor		Shang-Ho TSAI et al.		
			Group Art Unit		2631		
Total Number of Pages in This	Total Number of Pages in This Submission		Attorney Docket Number		742433-11		
	·	ENCLOSU	RES (check all that apply	v)			
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Fee Attached		Drawing	Application)		☐ Other		
Amendment / Reply	/p .		g-related Papers		\sim		
After Final		Petition	etition		d S. E.		
Affidavits/declaration(s)	Affidavits/declaration(s)		Petition to Convert to a Provisional Application		AECENEU SEP 0 6 2001 SEP 0 6 2001 Technology Center 2600		
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Incomplete Application	Remarks	The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for					
	Response to Missing Parts under 37 CFR 1.52 or 1.53						
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm			Reg. No. 32,815				
or Nixon Peabody LLP 8180 Greensboro Drive Suite 800							
McLean, VA 22012							
Signature Dec 2							
Date August 27, 2001							
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Type or printed name	Jear	ntie Saxton) /				
Signature		Only	ist		Date August 27, 2001		
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Application No. 09/849,309 Docket No. 742433-11

IN THE VINITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shang-Ho TSAI et al.

Serial No. 09/849,309

Filed: May 7, 2001

For: METHOD AND APPARATUS FOR
SELECTING AN OPTIMAL SWAPPING
TECHNIQUE IN DISCRETE MULTI-TONE
SYSTEM

Oroup Art Unit: 2631

Tomple Strong Art Unit: 2631

CERTIFICATE OF MAILING

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing of this application or entry into the national stage of this application, or before the first Office Action on the merits, whichever is later, therefore no <u>fee</u> or certification is required under 37 C.F.R. § 1.97(b).

It is requested that the accompanying information disclosure statement be considered and made of record in the above-captioned application. To assist the Examiner, the documents are

Application No. 09/849,309 Docket No. 742433-11

listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

Donald R. Studebaker Registration No. 32,815

Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, Virginia 22102 (703) 790-9110 Please type a plus sign (+) inside this box

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE				Complete if Known		
			OSUDE	Application Number	09/849,309	
				Filing Date	May 7, 2001	
514	STATEMENT BY APPLICANT			First Named Inventor	Shang-Ho TSAI et al.	
(use as many sheets as necessary)			(ניצו)	Group Art Unit	2631	
		Examiner Name				
Sheet I of I		Attorney Docket Number	742433-11			

				U.S. PATENT DOCUMENT	rs		
Examin er Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind Code ² (if known)					
		5,479,447		Chow et al.	12-26-1995		
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FOREIGN PATENT DOCUMENTS								
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	<u> </u>	11	ОТН	ER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²		
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l	Examiner	Date
į	Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.